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C-A OPERATIONS PROCEDURES MANUAL

4.7 Secondary Beam Line Sweep, Access and Clearance Procedures

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Hand Processed Changes

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Approved: _____ **Signature On File** _____
Collider-Accelerator Department Chairman Date

F. Kobasuik

4.7 Secondary Beam Line Sweep, Access and Clearance Procedures

1. Purpose

To provide for the implementation of area sweep, access, and clearance, which are contained in the Health Physics (HP)/Radiation Safety Watch (RSW) Book.

2. Responsibilities

The responsibility for implementing one of these procedures fall into three (3) classifications, with each individual procedure assigning the responsibility. When the procedure calls for a second individual to assist, it is the responsibility of the person controlling the area to select someone who is familiar with the area and understands his/her role in implementing the procedure. The three classifications are outlined as the following:

- 2.1 An area controlled by the experimenter.
- 2.2 An area controlled by the Collider-Accelerator Support (CAS) Watch Coordinator.
- 2.3 An area controlled by a Radiological Control Technicians (RCT), with the CAS Watch Coordinator assuming their responsibility when a RCT is not assigned to a shift.

3. Prerequisites

None.

4. Precautions

- 4.1 Check that all beam line barriers and fences are in place.
- 4.2 The search should be thorough enough to find an unconscious person who may have fallen into an out-of-the-way place.
- 4.3 Select an experienced individual to assist you when performing a search requiring a second person.

5. Procedure

- 5.1 Record in the shifts' log, the sweep, beamline/area, time of day.
- 5.2 Complete the appropriate clearance, sweep, or access procedure as outlined in the RCT/RSW Book for the specific area.

6. Documentation

- 6.1 An entry is made in the RCT, CAS or the experimenters' log depending upon who has the responsibility.

7. References

7.1 HP/RSW Procedure Book.

7.2 CAS Procedures and Instructions Manual Section (a) Radiation Safety Watch (RSW).

8. Attachments

None.